

<u>DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION</u>

×	Original		Supplemental		Substitute		
As a	a below named inventor, I he	reby d	eclare that:				
Муг	My residence, post office address and citizenship are as stated below next to my name, and						
and		one nai	le inventor (if only one name is listed ne is listed below) of the subject matte on the invention entitled				
Enh	ancing the effect of radioi	mmun	otherapy in the treatment of tumors	;			
the :	specification of which:						
	is attached hereto.						
	was filed on as Application No						
	and, if this box (□) conta	ains an	×				
	□ was amended o		ay/month/year)				
×	was filed as Patent Coop	peration	n Treaty international Application No.				
	PCT/IB03/03257		on <u>17/07/2003</u> (day/month/year)				
	and, if this box (□) conta	ains an	×				
	☐ entered the nation	onal sta	ge in the United States and was acco	rded	Application No.		
	and, if this box (□) conta	ains an	x				
	☐ was amended, s	ubseq	uent to entry into the national stage, or	ר			

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

(day/month/year)

US

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIME			IMED			
				Yes		No			
				Yes		No			
				Yes		No			
				Yes		No			
				Yes		No			
I hereby claim the benefit below:	I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:								
APPLICATION NO.		FILING DATE (day/month/year)							
60/397347		19.07.2002							

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United States	United States	Status (Pending,	International		
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date	
1 ''	(day/month/year)	Patent No.)		(day/month/year)	

US

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

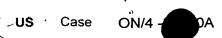
If this box (\square) contains an x \boxtimes , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor	Janina BARANOWSKA-KORTYLEWICZ		
Inventor's signature	John	Date <u>y</u>	2-13-06 (day/month/year)
Residence	Omaha, USA		.1
Citizenship	Poland		
Post Office Address	5 South 51st Avenue Omaha, Nebraska, 68132-3535 USA		
Full name of second joint inventor, if any	Takashi KURIZAKI		
Inventor's signature	· ·	Date –	(day/month/year)
Residence	Kumamoto, Japan		
Citizenship	Japan		
Post Office Address	19125 Yamada Tamana City, Kumamoto, 8650066 Japan		

Full name of third joint inventor, if any	Michio ABE		
Inventor's signature		Date `	
			(day/month/year)
Residence	Omaha, USA		
Citizenship	Japan		
Post Office Address	9324 Cumming PLZ 12C Omaha, NE 68132 USA		
·			
Full name of fourth joint inventor, if any	Arne OSTMAN		
Inventor's signature		Date	_
	•		(day/month/year)
Residence	Uppsala, Sweden		
Citizenship	Sweden		
Post Office Address	Bellmansgatan 58 75426 Uppsala Sweden		
Full name of fifth joint inventor, if any	Kristian PIETRAS		
Inventor's signature		Date	
			(day/month/year)
Residence	Uppsala, Sweden		
Citizenship	Sweden	,	
Post Office Address	Tegnergatan 31 C 752 26 Uppsala Sweden		







DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

⊠ Ori	ginal	☐ Supplem	ental	☐ Substitute
	elow named inventor, I here	•	at: ip are as stated below next to	o my name. and
I believ	ve I am the original, first ar	nd sole invento e name is liste	or (if only one name is listed ed below) of the subject matte	below) or an original, first
Enhan	cing the effect of radioin	nmunotherapy	in the treatment of tumors	i
the spe	ecification of which:			
	is attached hereto.			
	was filed on (da	ay/month/year)	as Application No.	
	and, if this box (\square) contai	ns an 🗴		
	□ was amended on	(day/month/y	vear)	
×	was filed as Patent Coope	eration Treaty in	nternational Application No.	
-	PCT/IB03/03257	on	17/07/2003 (day/month/year)	
	and, if this box (□) contai	ns an 🗴		
	☐ entered the nation	al stage in the	United States and was acco	rded Application No.
	and, if this box (□) contain	ns an 😕		
	☐ was amended, su	bsequent to er	ntry into the national stage, or	
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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORIT	TY CLAIMED
			Yes	□ No
			☐ Yes	□ No
•			☐ Yes	□ No
			☐ Yes	□ No
			☐ Yes	□ No
	•			
I hereby claim the benefit below:	under 35 U.S.C. 119(e) of	f any United States provi	sional applic	ation(s) listed

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Full name of sole or first joint inventor	Janina BARANOWSKA-KORTYLEWICZ		•
Inventor's signature		Date -	(day/month/year)
Residence	Omaha, USA		(,
Citizenship	Poland		
Post Office Address	5 South 51st Avenue Omaha, Nebraska, 68132-3535 USA		
Full name of second joint inventor, if any	Takashi KURIZAKI		
Inventor's signature	Takashi Hurizaki	_ Date	01/02/2005
			(day/month/year)
Residence	Kumamoto, Japan		
Citizenship	Japan		
Post Office Address	19125 Yamada Tamana City, Kumamoto, 8650066 Japan		

Full name of third joint inventor, if any	Michio ABE		
Inventor's signature	Michio abe	Date	ワ/ 2 / 2 o o 5 (day/month/year)
Residence	Omaha, USA		
Citizenship	Japan	•	,
Post Office Address	9324 Cumming PLZ 12C Omaha, NE 68132 USA		
Full name of fourth joint inventor, if any	Arne OSTMAN		
Inventor's signature		Date	
			(day/month/year)
Residence	Uppsala, Sweden		
Citizenship	Sweden		
Post Office Address	Bellmansgatan 58 75426 Uppsala Sweden		
			:
Full name of fifth joint inventor, if any	Kristian PIETRAS		
			·.
Inventor's signature		Date	(douber on the fire on)
			(day/month/year)
Residence	Uppsala, Sweden		
Citizenship	Sweden		
Post Office Address	Tegnergatan 31 C 752 26 Uppsala Sweden		•

US Case ON/4 -32590A O P E FEB 1 4 2006

☑ Original

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□ Substitute

☐ Supplemental

As a b	elow named inventor, I hereby declare that:	
My res	idence, post office address and citizenship are as stated below next to my	name, and
and joi	ve I am the original, first and sole inventor (if only one name is listed belo int inventor (if more than one name is listed below) of the subject matter wh a United States patent is sought on the invention entitled	
Enhan	cing the effect of radioimmunotherapy in the treatment of tumors	
the spe	ecification of which:	
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	was filed on as Application No	
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-	PCT/IB03/03257 on 17/07/2003 (day/month/year)	
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	□ entered the national stage in the United States and was accorded	Application No.
	and, if this box (□) contains an ×	
	was amended, subsequent to entry into the national stage, on	
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Inventor's signature		_ Date	
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Residence	Omaha, USA		
Citizenship	Japan		
Post Office Address	9324 Cumming PLZ 12C Omaha, NE 68132 USA		
Full name of fourth			
Full name of fourth joint inventor, if any	Arne OSTMAN		
Inventor's signature	A	Date	(day/month/year)
Residence	Uppsala, Sweden		``
Citizenship	Sweden		\
Post Office Address	Bellmansgatan 58 75426 Uppsala Sweden		
			\
Full name of fifth joint inventor, if any	Kristian PIETRAS		
Inventor's signature		Date	(dov/month/von)
			(day/month/year)
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Citizenship	Sweden		
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Sweden

☑ Original



☐ Supplemental



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all of the registered practitioners associated with Customer No. 001095,

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Janina BARANOWSKA-KORTYLEWICZ		
	Date -	(dayles and less and
		(day/month/year)
Omaha, USA		
Poland		
5 South 51st Avenue Omaha, Nebraska, 68132-3535 USA		
Takashi KURIZAKI		
	Date	
	-	(day/month/year)
Kumamoto, Japan		
Japan		
19125 Yamada Tamana City, Kumamoto, 8650066 Japan		,
	Omaha, USA Poland 5 South 51st Avenue Omaha, Nebraska, 68132-3535 USA Takashi KURIZAKI Kumamoto, Japan Japan 19125 Yamada Tamana City, Kumamoto, 8650066	Omaha, USA Poland 5 South 51st Avenue Omaha, Nebraska, 68132-3535 USA Takashi KURIZAKI Date Kumamoto, Japan Japan 19125 Yamada Tamana City, Kumamoto, 8650066

Full name of third joint inventor, if any	Michio ABE		
Inventor's signature		Date .	(day/month/you)
			(day/month/year)
Residence	Omaha, USA		
Citizenship	Japan		
Post Office Address	9324 Cumming PLZ 12C Omaha, NE 68132 USA		
-			
Full name of fourth joint inventor, if any	Arne OSTMAN		
Inventor's signature		Date	
		 -	(day/month/year)
Residence	Uppsala, Sweden		
Citizenship	Sweden		
Post Office Address	Bellmansgatan 58 75426 Uppsala Sweden		
Full name of fifth joint inventor, if any	Kristian PIETRAS		
Inventor's signature	Colp	Date -	11/61/2005 (day/month/year)
Residence	Uppsala, Sweden		(35),
Citizenship	Sweden		
Post Office Address			
Fost Office Address	Tegnergatan 31 C 752 26 Uppsala Sweden		